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Technical Data Sheet

CRF-21



Description:

It is twisted by 1 strand high quality ceramic fiber yarns. It can be used for high temperature applications up to 650° C. The rope is reinforced with fiberglass filament. It contains a certain amount of binder material which is normally burned at lower temperature and does not affect the insulation property.

Application:

It is the perfect material for door seals or caulking for ovens, furnaces and boilers, expansion joints, cable or pipe wrapping, high temperature seals or gaskets. This product has been widely used in welding, foundry works, aluminum and steel mills, boiler insulation and seal, exhaust systems, shipyards, refineries, power plants and chemical plants. It is also used as the core in tadpole gaskets. This style is designed to fit the application needs which twisted rope is a soft rope.

Technical data:

Reinforcement	Glass filament
Working Temp	650℃
Specified Temp.	1260℃
Melting Point.	1310℃
Moisture Content	≤2%
Loss of ignition	≤18%
Thermal conductivity	0.18 W/(m.K)
Diameter	3 up to 60mm
Twisting strands	1 strand
Color	White

Chemical properties:

Al ₂ O ₃	Al ₂ O ₃ +SiO ₂	ZrO ₂	Fe ₂ O ₃	Na ₂ O-K ₂ O
46%	99%	-	<1.0%	≤0.5%

Remarks

1. The data above are typical values only, and should not be used for specifications purpose.
2. The products should be stored at room temperature, kept away from wet and heat source.
3. The users should take test and do trial-application on the above products before coming into application so as to witness and ensure suitability for their special purpose and technique.

